

MOLD FOR FORMING IMPELLER BLADE TYPE ROTARY BODY

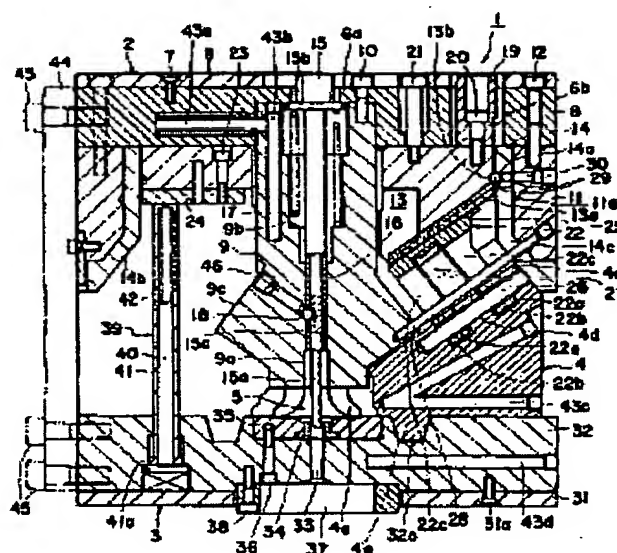
Patent number: JP63171242
Publication date: 1988-07-15
Inventor: ISHII TATESHI; YOSHINAGA HIROYOSHI; KIKUCHI YASUHIKO
Applicant: NISSAN MOTOR
Classification:
 - International: **B22C9/06; B22C9/22; B22D17/00; B22D17/22; B22C9/06; B22C9/22; B22D17/00; B22D17/22; (IPC1-7): B22C9/06; B22C9/22; B22D17/22**
 - european:
Application number: JP19870001025 19870108
Priority number(s): JP19870001025 19870108

Report a data error here

Abstract of JP63171242

PURPOSE: To simply and surely execute molding and mold-releasing for an impeller blade type rotary body by shifting a parting mold forming the impeller blade having twist toward out of the mold direction while rotating through a guide part bending corresponding to the twist of the impeller blade.

CONSTITUTION: A cavity 5 is shaped by a lower end face of core 9 in a movable die 2, an upper face of core block 35 in a fixed die 3 and the parting die 4 forming the plural impeller blades having twist arranged as radial. In the foaming die 1 for impeller blade type rotary body having the above constitution, the molten material, such as resin, metal, etc., is poured under pressurizing in the above cavity 5 through a sprue 33 of holder 32 and cooled to solidify. After that, the movable die 2 is ascended and the formed material ascended together with this is released from the core 9 by descending an eject pin 15. Together with this, an ejector 13 is descended through a frame block 11 and further, a supporting body 22 fixed to the parting die 4 is pushed. The supporting body 22 has twist guide hole 27 engaging with a guide pin 28 and by sliding on the sliding face 9c of core 9, the parting die 4 is shifted toward outer direction while rotating, to execute the mold-releasing.



Data supplied from the esp@cenet database - Worldwide

BEST AVAILABLE COPY